

60,130-868; 00MRA0427

CLAIMS

- 1.-8. (Cancelled)
9. (Currently Amended) A system for optimizing load distribution on a vehicle comprising:  
at least one load sensor generating a load signal;  
a memory unit storing load optimization data;  
an evaluation unit in communication with said load sensor and said memory unit for  
evaluating said load signal based upon said load optimization data; and  
a position sensor in communication with said evaluation unit for determining the position  
of a component of said vehicle for optimizing vehicle loading by determining a desired position  
for said vehicle component relative to a vehicle body.
10. (Previously Presented) The system of claim 9 wherein said component is an axle.
11. (Previously Presented) The system of claim 9 wherein said component is a kingpin  
of said vehicle.
- 12.-24. (Cancelled)